

UT Date 2017-10-23 Observers P BerlindColl. Focus 1290 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	00:44	19:16:07.2	+31:30:14	300	89	3.0	0 Calibration	4	
0011-0020.BIAS	0	00:46	19:16:07.2	+31:30:14	300	89	3.0	0 Calibration	2	
0021-0035.FLAT	7	00:53	19:16:07.2	+31:30:14	300	89	3.0	0 Calibration	2	
0036.CICyg	15	01:28	19:50:12.0	+35:41:02	300	89	3.0	#12 Symbiotic	2	
0037.CICyg	30	01:29	19:50:12.0	+35:41:02	300	89	3.0	#12 Symbiotic	2	
0038.CICyg	45	01:30	19:50:12.0	+35:41:02	300	89	3.0	#12 Symbiotic	2	
0039.CICyg	90	01:31	19:50:12.0	+35:41:02	300	89	3.0	#12 Symbiotic	2	
0040.COMP	10	01:33	19:50:12.0	+35:41:02	300	89	3.0	0 Calibration	2	
0041.CHCyg	5	01:34	19:24:33.0	+50:14:30	300	89	3.0	#12 Symbiotic	2	
0042.CHCyg	8	01:35	19:24:33.0	+50:14:30	300	89	3.0	#12 Symbiotic	2	
0043.CHCyg	1	01:35	19:24:33.0	+50:14:30	300	89	3.0	#12 Symbiotic	2	
0044.COMP	10	01:35	19:24:33.0	+50:14:30	300	89	3.0	0 Calibration	2	
0045.BFCyg	15	01:37	19:23:53.0	+29:40:27	300	89	3.0	#12 Symbiotic	2	
0046.BFCyg	30	01:38	19:23:53.0	+29:40:27	300	89	3.0	#12 Symbiotic	2	
0047.COMP	10	01:39	19:23:53.0	+29:40:27	300	89	3.0	0 Calibration	2	
0048.HMSge	10	01:40	19:41:57.0	+16:44:41	300	89	3.0	#12 Symbiotic	2	
0049.HMSge	30	01:41	19:41:57.0	+16:44:41	300	89	3.0	#12 Symbiotic	2	
0050.HMSge	180	01:41	19:41:57.0	+16:44:41	300	89	3.0	#12 Symbiotic	2	
0051.COMP	10	01:45	19:41:57.0	+16:44:41	300	85	3.0	0 Calibration	2	
0052.V443Her	25	01:47	18:22:07.0	+23:27:20	300	85	3.0	#12 Symbiotic	2	

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0053.V443Her	90	01:48	18:22:07.0	+23:27:20	300	85	3.0	#12 Symbiotic	2	
0054.COMP	10	01:50	18:22:07.0	+23:27:20	300	85	3.0	0 Calibration	2	
0055.YYHer	60	01:51	18:14:34.0	+20:59:19	300	85	3.0	#12 Symbiotic	2	
0056.YYHer	300	01:52	18:14:34.0	+20:59:19	300	88	3.0	#12 Symbiotic	2	
0057.COMP	10	01:58	18:14:34.0	+20:59:19	300	89	3.0	0 Calibration	2	
0058.TCrB	30	02:00	15:59:30.0	+25:55:12	300	89	3.0	#12 Symbiotic	2	
0059.TCrB	10	02:01	15:59:30.0	+25:55:12	300	89	3.0	#12 Symbiotic	2	
0060.TCrB	45	02:01	15:59:30.0	+25:55:12	300	89	3.0	#12 Symbiotic	2	
0061.COMP	10	02:02	15:59:30.0	+25:55:12	300	89	3.0	0 Calibration	2	
0062.PS17els	1800	02:04	16:20:35.0	+24:07:27	300	89	3.0	#225	2	
0063.COMP	10	02:34	16:20:35.0	+24:07:27	300	89	3.0	0 Calibration	2	
0064.AS289	60	02:37	18:12:22.0	-11:40:08	300	89	3.0	#12 Symbiotic	2	
0065.AS289	420	02:39	18:12:22.0	-11:40:08	300	89	3.0	#12 Symbiotic	2	
0066.COMP	10	02:46	18:12:22.0	-11:40:08	300	88	3.0	0 Calibration	2	
0067.V919Sgr	60	02:48	19:03:45.0	-16:59:56	300	88	3.0	#12 Symbiotic	2	
0068.V919Sgr	420	02:49	19:03:45.0	-16:59:56	300	90	3.0	#12 Symbiotic	2	
0069.COMP	10	02:57	19:03:45.0	-16:59:56	300	90	3.0	0 Calibration	2	
0070.AS338	90	02:58	19:03:47.0	+16:26:17	300	89	3.0	#12 Symbiotic	2	
0071.AS338	600	03:00	19:03:47.0	+16:26:17	300	89	3.0	#12 Symbiotic	2	
0072.COMP	10	03:11	19:03:47.0	+16:26:17	300	89	3.0	0 Calibration	2	

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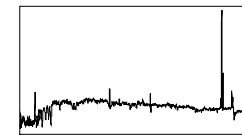
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0073.AS360	60	03:12	19:45:49.0	+18:36:49	300	89	3.0	#12 Symbiotic	2	
0074.AS360	720	03:14	19:45:49.0	+18:36:49	300	89	3.0	#12 Symbiotic	2	
0075.COMP	10	03:27	19:45:49.0	+18:36:49	300	89	3.0	0 Calibration	2	
0076.V1016Cyg	15	03:29	19:57:05.0	+39:49:37	300	89	3.0	#12 Symbiotic	2	
0078.V1016Cyg	45	03:30	19:57:05.0	+39:49:37	300	89	3.0	#12 Symbiotic	2	
0079.V1016Cyg	3	03:31	19:57:05.0	+39:49:37	300	89	3.0	#12 Symbiotic	2	
0080.V1016Cyg	150	03:31	19:57:05.0	+39:49:37	300	89	3.0	#12 Symbiotic	2	
0081.COMP	10	03:34	19:57:05.0	+39:49:37	300	89	3.0	0 Calibration	2	
0082.PUVu1	30	03:36	20:21:13.0	+21:34:21	300	89	3.0	#12 Symbiotic	2	
0083.PUVu1	15	03:37	20:21:13.0	+21:34:21	300	89	3.0	#12 Symbiotic	2	
0084.PUVu1	300	03:37	20:21:13.0	+21:34:21	300	89	3.0	#12 Symbiotic	2	
0085.COMP	10	03:43	20:21:13.0	+21:34:21	300	90	3.0	0 Calibration	2	
0086.V1329Cyg	30	03:44	20:51:01.0	+35:34:55	300	90	3.0	#12 Symbiotic	2	
0087.V1329Cyg	60	03:45	20:51:01.0	+35:34:55	300	90	3.0	#12 Symbiotic	2	
0088.V1329Cyg	180	03:47	20:51:01.0	+35:34:55	300	90	3.0	#12 Symbiotic	2	
0089.COMP	10	03:51	20:51:01.0	+35:34:55	300	89	3.0	0 Calibration	2	
0090.ZAnd	3	03:53	23:33:40.0	+48:49:06	300	89	3.0	#12 Symbiotic	2	
0091.ZAnd	10	03:54	23:33:40.0	+48:49:06	300	89	3.0	#12 Symbiotic	2	
0092.ZAnd	60	03:55	23:33:40.0	+48:49:06	300	89	3.0	#12 Symbiotic	2	
0093.COMP	10	03:56	23:33:40.0	+48:49:06	300	89	3.0	0 Calibration	2	

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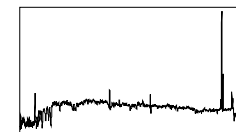
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0094.AGPeg	2	03:58	21:51:02.0	+12:37:33	300	89	3.0	#12 Symbiotic	2	
0095.AGPeg	6	03:59	21:51:02.0	+12:37:33	300	89	3.0	#12 Symbiotic	2	
0096.AGPeg	15	03:59	21:51:02.0	+12:37:33	300	89	3.0	#12 Symbiotic	2	
0097.COMP	10	04:00	21:51:02.0	+12:37:33	300	89	3.0	0 Calibration	2	
0098.RAqr	2	04:02	23:43:49.0	-15:17:05	300	89	3.0	#12 Symbiotic	2	
0099.RAqr	6	04:02	23:43:49.0	-15:17:05	300	89	3.0	#12 Symbiotic	2	
0100.RAqr	15	04:03	23:43:49.0	-15:17:05	300	89	3.0	#12 Symbiotic	2	
0101.RAqr	30	04:03	23:43:49.0	-15:17:05	300	89	3.0	#12 Symbiotic	2	
0102.COMP	10	04:04	23:43:49.0	-15:17:05	300	89	3.0	0 Calibration	2	
0103.BRUTUS8048_5	300	04:07	23:58:44.4	-16:50:02	300	89	3.0	#220 ASASSN Tr	2	no target
0104.COMP	10	04:13	23:58:44.4	-16:50:02	300	89	3.0	0 Calibration	2	
0105.BDp174708	90	04:19	22:11:31.4	+18:05:34	300	89	3.0	#56 Spectropho	2	
0106.COMP	10	04:21	22:11:31.4	+18:05:34	300	89	3.0	0 Calibration	2	
0107.BDp284211	150	04:22	21:51:11.0	+28:51:50	300	89	3.0	#56 Spectropho	2	
0108.COMP	10	04:25	21:51:11.0	+28:51:50	300	89	3.0	0 Calibration	2	
0109.BIAS	0	04:29	23:40:00.0	+32:00:00	600	89	1.5	0 Calibration	4	
0110.BDp284211	150	04:31	21:51:11.0	+28:51:50	600	89	1.5	#56 Spectropho	4	600-line, 1.5-sec, blue
0111.COMP	10	04:34	21:51:11.0	+28:51:50	600	89	1.5	0 Calibration	4	
0112.gd278	420	04:36	01:30:58.1	+53:21:40	600	88	1.5	#178 Low Mass	4	
0113.COMP	10	04:44	01:30:58.1	+53:21:40	600	88	1.5	0 Calibration	4	

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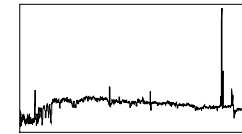
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0114.bb328	90	04:46	21:30:17.6	-24:41:11	600	88	1.5	#178 Low Mass	4	
0115.COMP	10	04:48	21:30:17.6	-24:41:11	600	88	1.5	0 Calibration	4	
0116.bb404	120	04:49	22:07:12.3	-21:21:21	600	88	1.5	#178 Low Mass	4	
0117.COMP	10	04:51	22:07:12.3	-21:21:21	600	88	1.5	0 Calibration	4	
0118.bb435	75	04:52	22:39:37.7	-24:55:03	600	88	1.5	#178 Low Mass	4	
0119.COMP	10	04:54	22:39:37.7	-24:55:03	600	88	1.5	0 Calibration	4	
0120.bb438	30	04:55	22:42:21.8	-20:37:32	600	88	1.5	#178 Low Mass	4	
0121.COMP	10	04:56	22:42:21.8	-20:37:32	600	88	1.5	0 Calibration	4	
0122.bb368	120	04:57	21:43:07.8	-12:05:37	600	88	1.5	#178 Low Mass	4	
0123.COMP	10	04:59	21:43:07.8	-12:05:37	600	88	1.5	0 Calibration	4	
0124.bb335	300	05:00	21:31:20.6	-06:30:19	600	88	1.5	#178 Low Mass	4	
0125.COMP	10	05:06	21:31:20.6	-06:30:19	600	88	1.5	0 Calibration	4	
0126.bb429	40	05:07	22:32:28.9	-10:30:01	600	88	1.5	#178 Low Mass	4	
0127.COMP	10	05:08	22:32:28.9	-10:30:01	600	88	1.5	0 Calibration	4	
0128.bb443	1020	05:09	22:46:04.9	-18:59:11	600	88	1.5	#178 Low Mass	4	
0129.COMP	10	05:27	22:46:04.9	-18:59:11	600	88	1.5	0 Calibration	4	
0130.gd278	420	05:30	01:30:58.1	+53:21:40	600	88	1.5	#178 Low Mass	4	
0131.COMP	10	05:37	01:30:58.1	+53:21:40	600	85	1.5	0 Calibration	4	
0132.bb437	60	05:39	22:41:44.7	+01:12:36	600	85	1.5	#178 Low Mass	4	
0133.COMP	10	05:40	22:41:44.7	+01:12:36	600	85	1.5	0 Calibration	4	

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0134.bb442	660	05:42	22:44:53.8	-15:19:22	600	85	1.5	#178 Low Mass	4	
0135.COMP	10	05:53	22:44:53.8	-15:19:22	600	85	1.5	0 Calibration	4	
0136.j2324p11	1200	05:55	23:24:52.0	+11:32:29	600	85	1.5	#178 Low Mass	4	seeing worse
0137.COMP	10	06:16	23:24:52.0	+11:32:29	600	88	1.5	0 Calibration	4	
0138.gd278	420	06:18	01:30:58.1	+53:21:40	600	88	1.5	#178 Low Mass	4	
0139.COMP	10	06:26	01:30:58.1	+53:21:40	600	88	1.5	0 Calibration	4	
0140.j2346p22	1360	06:28	23:46:33.8	+22:00:43	600	88	1.5	#178 Low Mass	4	
0141.COMP	10	06:51	23:46:33.8	+22:00:43	600	88	1.5	0 Calibration	4	
0142.j2359p29	1260	06:54	23:59:57.8	+29:40:09	600	88	1.5	#178 Low Mass	4	
0143.COMP	10	07:15	23:59:57.8	+29:40:09	600	87	1.5	0 Calibration	4	
0144.gd278	420	07:18	01:30:58.1	+53:21:40	600	87	1.5	#178 Low Mass	4	
0145.COMP	10	07:25	01:30:58.1	+53:21:40	600	87	1.5	0 Calibration	4	
0146.j0027m07	300	07:27	00:27:02.8	-07:51:12	600	88	1.5	#178 Low Mass	4	
0147.COMP	10	07:33	00:27:02.8	-07:51:12	600	88	1.5	0 Calibration	4	
0148.j0031p35	1400	07:39	00:31:09.8	+35:22:55	600	88	1.5	#178 Low Mass	4	
0149.COMP	10	08:03	00:31:09.8	+35:22:55	600	88	1.5	0 Calibration	4	
0150.gd278	420	08:05	01:30:58.1	+53:21:40	600	88	1.5	#178 Low Mass	4	
0151.COMP	10	08:12	01:30:58.1	+53:21:40	600	88	1.5	0 Calibration	4	
0152.j0021p38	1500	08:15	00:21:47.5	+38:27:26	600	88	1.5	#178 Low Mass	4	
0153.COMP	10	08:41	00:21:47.5	+38:27:26	600	89	1.5	0 Calibration	4	

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0154.j0213m18	1260	08:44	02:13:06.7	-18:25:20	600	89	1.5	#178 Low Mass	4	
0155.COMP	10	09:05	02:13:06.7	-18:25:20	600	89	1.5	0 Calibration	4	
0156.gd278	480	09:08	01:30:58.1	+53:21:40	600	89	1.5	#178 Low Mass	4	
0157.COMP	10	09:17	01:30:58.1	+53:21:40	600	89	1.5	0 Calibration	4	
0158.bb741	480	09:19	04:53:14.5	-08:51:46	600	89	1.5	#178 Low Mass	4	
0159.COMP	10	09:28	04:53:14.5	-08:51:46	600	89	1.5	0 Calibration	4	
0160.bb760	180	09:29	05:03:42.2	-16:04:30	600	89	1.5	#178 Low Mass	4	
0161.COMP	10	09:33	05:03:42.2	-16:04:30	600	89	1.5	0 Calibration	4	
0162.bb749	1800	09:34	04:56:15.2	-24:47:37	600	89	1.5	#178 Low Mass	4	
0163.COMP	10	10:04	04:56:15.2	-24:47:37	600	89	1.5	0 Calibration	4	
0164.gd278	480	10:07	01:30:58.1	+53:21:40	600	89	1.5	#178 Low Mass	4	
0165.COMP	10	10:16	01:30:58.1	+53:21:40	600	89	1.5	0 Calibration	4	
0166.bb762	1800	10:20	05:05:12.9	-24:46:09	600	89	1.5	#178 Low Mass	4	
0167.COMP	10	10:50	05:05:12.9	-24:46:09	600	88	1.5	0 Calibration	4	
0168.gd278	480	10:54	01:30:58.1	+53:21:40	600	88	1.5	#178 Low Mass	4	
0169.COMP	10	11:02	01:30:58.1	+53:21:40	600	88	1.5	0 Calibration	4	
0170.j0153p18	1800	11:05	01:53:42.0	+18:08:58	600	88	1.5	#178 Low Mass	4	
0171.COMP	10	11:36	01:53:42.0	+18:08:58	600	88	1.5	0 Calibration	4	
0172-0181.FLAT	12	11:40	06:45:00.0	+32:00:00	600	88	1.5	0 Calibration	4	
0182.test	10	11:44	07:00:00.0	+32:00:00	300	88	3.0	#178 Low Mass	2	

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0183.test	10	11:45	07:00:00.0	+32:00:00	300	88	3.0	#178 Low Mass	2	
0184.test	10	11:47	07:00:00.0	+32:00:00	300	88	3.0	#178 Low Mass	2	
0185.test	10	11:47	07:00:00.0	+32:00:00	300	88	3.0	#178 Low Mass	2	
0186.test	10	11:48	07:00:00.0	+32:00:00	300	88	3.0	#178 Low Mass	2	
0187.test	10	11:49	07:00:00.0	+32:00:00	300	88	3.0	#178 Low Mass	2	
0188.sn2017hmz	1800	11:51	07:03:50.1	+13:16:17	300	88	3.0	#2 SN Observat	2	300-line, 3-sec
0189.COMP	10	12:22	07:03:50.1	+13:16:17	300	88	3.0	0 Calibration	2	
0191.SS129	720	12:25	07:32:45.0	-26:49:16	300	87	3.0	#12 Symbiotic	2	
0192.SS129	300	12:37	07:32:45.0	-26:49:16	300	87	3.0	#12 Symbiotic	2	
0193.COMP	10	12:42	07:32:45.0	-26:49:16	300	87	3.0	0 Calibration	2	
0194-0203.BIAS	0	12:46	07:32:45.0	-26:49:16	300	87	3.0	0 Calibration	2	
0204-0218.FLAT	7	12:52	07:32:45.0	-26:49:16	300	87	3.0	0 Calibration	2	
0219-0223.DARK	900	14:01	07:32:45.0	-26:49:16	300	87	3.0	0 Calibration	2	
0224-0228.DARK	900	15:17	07:32:45.0	-26:49:16	300	87	3.0	0 Calibration	4	